

## Message Text

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ACTION OES-05

INFO OCT-01 EUR-12 ISO-00 FEA-01 PA-02 PRS-01 SSO-00

NSCE-00 INRE-00 USIE-00 ERDA-07 AID-05 CEA-01 CIAE-00

CIEP-02 COME-00 DODE-00 EB-07 FPC-01 H-02 INR-07

INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-04 SAM-01 SP-02

SS-15 STR-04 TRSE-00 ERDE-00 /094 W

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O R 160920Z JAN 76

FM AMEMBASSY VIENNA

TO SECSTATE WASHDC IMMEDIATE 7561

INFO USMISSION OECD PARIS

UNCLAS VIENNA 0329

EO 11652: NA

TAGS: TECH, ENRG, AU

SUBJECT: BACKGROUND INFORMATION ON FOREIGN ENERGY PROGRAMS

REF: 75 VIENNA 301432

1. FOLLOWING INFORMATION COVERS ITEMS I-B AND II-B UNDER ENERGY POLICY SECTION REFTEL. BALANCE OF AVAILABLE INFORMATION WILL BE SUBMITTED IN SUBSEQUENT MESSAGE.

2. R AND D PRIORITIES. GOA ENERGY RESEARCH PROGRAM ADOPTED BY CABINET ON DEC 17, 1974, DEFINES R AND D PRIORITIES. CURRENTLY, EMPHASIS IS BEING GIVEN TO:

A. SOLAR ENERGY (DEVELOPMENT OF SOLAR COLLECTORS AND APPLICATION OF SOLAR ENERGY FOR HEATING BUILDINGS AND GENERATING ELECTRICITY);

B. GEOTHERMAL ENERGY; AND

C. DEVELOPMENT OF SUPRA-CONDUCTIVE MATERIALS FOR POWER GENERATORS.

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3. OTHER PRIORITY AREAS FOR RESEARCH ARE:

- A. METHODS FOR IMPROVED UTILIZATION OF EXISTING ENERGY SOURCES AS WELL AS FOR DEVELOPMENT OF NEW SOURCES;
- B. ENERGY CONVERSION;
- C. TRANSPORTATION AND STORAGE OF ENERGY SUPPLIES;
- D. ENERGY CONSERVATION;
- E. ENVIRONMENTAL PROBLEMS ASSOCIATED WITH ENERGY EXTRACTION AND USE; AND
- F. SOCIO-ECONOMIC ASPECTS OF ENERGY PROBLEMS.

4. COPY OF GOA ENERGY RESEARCH PROGRAM WILL BE FORWARDED UNDER SEPARATE COVER.

5. ENERGY R AND D BUDGET. GOA BUDGET ALLOCATIONS FOR RESEARCH IN GENERAL ARE BROKEN DOWN BY RECIPIENT ORGANIZATION (MANY OF WHICH ARE MULTI-PURPOSE) RATHER THAN BY FUNCTIONAL PROJECT. THUS, SPECIFIC ALLOCATIONS FOR ENERGY RESEARCH ARE NOT AVAILABLE. GOA BUDGET OUTLAYS FOR ALL KINDS OF RESEARCH AMOUNTED TO \$177.95 MILLION IN 1975 AND PLANNED OUTLAYS IN 1976 TOTAL \$212.40 MILLION. CONVERSION RATE USED IS AS 17.42 EQUAL \$1.00. AUSTRIA'S FISCAL YEAR BEGINS JAN 1.

6. ACCORDING TO A NONE-TIME STUDY PREPARED BY THE AUSTRIAN SOCIETY FOR ATOMIC ENERGY UNDER A CONTRACT FROM THE MINISTRY OF SCIENCE AND RESEARCH, TOTAL AUSTRIAN OUTLAYS FOR ENERGY RESEARCH IN 1973 (GOVERNMENT AND PRIVATE) TOTALLED \$11.08 MILLION.

THIS AMOUNT WAS BROKEN DOWN AS FOLLOWS:

AREA	AMOUNT
DEVELOPMENT OF ENERGY SOURCES	\$2.870 MILLION
ENERGY CONVERSION	4.480 MILLION
TRANSPORTATION AND STORAGE OF ENERGY SUPPLIES	1.610
ENERGY CONSERVATION	1.260
ENVIRONMENTAL PROBLEMS ASSOCIATED WITH ENERGY	0.574
SOCIO-ECONOMIC ASPECTS OF ENERGY PROBLEMS	0.287 MILLION

7. AUTHORITATIVE ENERGY EXPERT TOLD EMBASSY THAT HE ESTIMATED CURRENT AUSTRIAN OUTLAYS FOR ENERGY R AND D TO BE NOT MORE THAN 2 PERCENT GREATER IN REAL TERMS THAN 1973 FIGURE. BUCHANAN  
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